|   | Index of Claims |          |                 |          |          |          |          |          |          |                 |                |          |       | Ap       | Application/Control No. |             |              |          |              |         |             |              |      |       | Applicant(s)/Patent under Reexamination |                   |         |         |                 |          |          |           |          |
|---|-----------------|----------|-----------------|----------|----------|----------|----------|----------|----------|-----------------|----------------|----------|-------|----------|-------------------------|-------------|--------------|----------|--------------|---------|-------------|--------------|------|-------|---|-------------------|---------|---------|-----------------|----------|----------|-----------|----------|
|   |                 |          |                 |          |          |          |          |          |          |                 |                |          |       |          | 10/719,995              |             |              |          |              |         |             |              |      |       |   | TIJSTERMAN ET AL. |         |         |                 |          |          |           |          |
|   |                 |          |                 |          |          |          |          |          |          |                 |                |          |       |          | Examiner                |             |              |          |              |         |             |              |      |       | Art Unit                                |                   |         |         |                 |          | <u> </u> |           |          |
|   |                 |          |                 |          |          |          |          |          |          |                 |                |          |       |          | Fr                      | Frank W. Lu |              |          |              |         |             |              |      |       | 1634                                    |                   |         |         |                 |          |          |           |          |
|   |                 |          |                 |          |          |          |          |          |          |                 |                |          |       |          |                         |             |              |          |              |         |             |              |      |       |   |                   |         |         |                 | _        |          |           |          |
|   | √ Rejected      |          |                 |          |          |          |          |          |          |                 | (Through numer |          |       |          |                         | iera<br>I   | al)   N      |          |              | 1       | Non-Elected |              |      |       | A                                       | Appeal            |         |         |                 |          |          |           |          |
|   |                 |          | =               | A        | Allowed  |          |          |          |          | ÷               | ÷ Restricted   |          |       | <u> </u> |                         |             |              |          | Interference |         |             |              |      | 0     | Objected                                |                   |         |         |                 |          |          |           |          |
| , |                 |          |                 |          |          |          |          |          |          |                 | _              |          |       |          |                         |             |              |          |              |         |             |              |      |       |   |                   |         |         | _               |          |          |           |          |
| } | Cla             |          | V               | Date     |          |          |          |          | Γ        | г—<br>Г         | 4              | -        | Cla   | aim      |                         |             | Da           |          | ate<br>T     | 1       |             |              |      | Cla   | aim                                     | -                 |         | Т       | Date            | <u> </u> | -1-      | Т         | -        |
|   | Final           | Original | 1/10/01         |          |          |          |          |          |          |                 |                |          | Final | Original |                         |             |              |          |              |         |             |              |      | Final | Original                                |                   |         |         |                 |          |          |           |          |
|   |                 | 1        | X               |          |          |          |          |          | L        | $\vdash$        | $\dashv$       | .  -     |       | 51       |                         | $\dashv$    | +            | $\perp$  | +            | +       |             |              |      |       | 101                                     | $\vdash$          | +       | -       | Н               | _        | +        | -         | -        |
| ŀ |                 | 2        | î               |          |          |          |          |          |          |                 |                | ŀ        |       | 52       |                         |             | 1            |          | $\pm$        | 士       | 1           |              |      |       | 102                                     |                   | 1.      | +       |                 | $\neg$   | _        | +         | <u> </u> |
|   |                 | 3        | $\prod$         |          |          |          |          |          |          |                 | $\Box$         | F        |       | 53       | П                       |             | $\Box$       |          | Ţ            | $\bot$  | Ţ           |              | 130  |       | 103                                     | П                 | $\perp$ | I       |                 |          |          | 1         | ]        |
|   |                 | 5        | ╫               | H        | -        |          |          |          |          | $\vdash$        | $\dashv$       | ŀ        |       | 54<br>55 | H                       | +           | $\dashv$     | +        | +            | ╁       | ┼           | <del> </del> |      |       | 104<br>105                              | Н                 | +       | +       | $\vdash$        | $\dashv$ | +        | ╁         | 1        |
| • |                 | 6        |                 |          |          | _        |          |          |          |                 | $\exists$      | ŀ        |       | 56       |                         |             |              |          | $\dagger$    |         |             |              |      |       | 106                                     | H                 | $\top$  | †       | $\Box$          | 7        | $\dashv$ | +-        | 1        |
|   |                 | 7        |                 |          |          |          |          |          |          | П               | $\Box$         | - [      |       | 57       | П                       | $\Box$      | $\Box$       | 1.       | Ţ            | Ţ       |             |              |      |       | 107                                     | П                 |         |         |                 |          |          |           | ]        |
| ŀ |                 | 9        | +               |          | ┞        | -        | $\vdash$ | _        | _        | ${\mathbb H}$   | $\dashv$       | -        |       | 58<br>59 | Н                       | $\dashv$    | $\dashv$     | +        | +            | +       | +-          | Н            |      |       | 108<br>109                              | $\vdash$          | +       | +       | $\vdash$        | $\dashv$ | +        | ╀         | -        |
|   |                 | 10       |                 | _        | H        | $\vdash$ | Н        |          |          | $\vdash$        | $\dashv$       | ŀ        |       | 60       | H                       | $\dashv$    | +            | $\dashv$ | +            | +       | +           | $\vdash$     |      |       | 110                                     | H                 | +       | +       | H               | 十        | +        | ╁         | 1        |
| ļ |                 | 11       |                 |          |          |          |          |          |          |                 | ]              |          |       | 61       |                         |             | 1            | 1        |              | I       |             |              |      |       | 111                                     |                   |         |         | П               | 耳        |          |           |          |
| } |                 | 12       | $\coprod$       |          | ļ        | -        | Ш        |          |          | $\vdash \vdash$ | 4              | -        |       | 62       |                         | $\dashv$    | 4            | +        | 4.           | +       | 4-          | Н            |      |       | 112                                     | Н                 | +       | +       | Н               | 4        | +        | ╀         | -        |
| } |                 | 13<br>14 | H               |          | -        | $\vdash$ | Н        | _        | H        | Н               | $\dashv$       | }        |       | 63<br>64 | $\vdash$                | $\dashv$    | $\dashv$     | +        | +            | +       | +           | Н            |      |       | 113<br>114                              | ⊣                 |         | +       | ┼┼              | +        | +        | ╁         | 1        |
|   |                 | 15       | 1               |          |          |          | Н        |          | _        | $\vdash$        | $\dashv$       | <b> </b> |       | 65       | H                       | $\dashv$    | 寸            | $\top$   | +-           | +-      | +-          | Н            |      |       | 115                                     | H                 | +       | +       | H               | $\dashv$ | +        | $\dagger$ | 1        |
| j |                 | 16       |                 |          |          |          |          |          |          |                 | $\Box$         |          |       | 66       |                         |             | 1            | 1        | I            | I       | I           |              | ļ    |       | 116                                     | П                 |         |         |                 |          |          |           | ]        |
| 1 |                 | 17<br>18 | -               |          |          |          | H        |          | _        | $\vdash$        |                |          |       | 67<br>68 | $\vdash$                | $\dashv$    | 4            | +        | +            | +       | -           | -            | ian. |       | 117<br>118                              | $\vdash \vdash$   | +       | +       | Н               | $\dashv$ | +        | +         | -        |
| ł |                 | 19       | ╫               | _        | -        | -        | Н        |          |          | $\vdash$        | -              | ŀ        |       | 69       | H                       | $\dashv$    | +            | +        | +            | +       | +           | $\vdash$     |      |       | 119                                     | H                 | +       | +       | ╁╾╁             | -+       |          | +         | 1        |
| Ì |                 | 20       |                 | _        |          |          |          |          |          |                 |                | į        |       | 70       |                         |             | 1            |          | 1            | $\perp$ |             |              |      |       | 120                                     |                   |         |         |                 |          |          |           | ]        |
| , |                 | 21       |                 |          |          | _        |          |          |          | $\sqcup$        | 4              | L        |       | 71       | Ш                       | _           | 4            | 4        | $\bot$       | $\perp$ | +           | _            |      |       | 121                                     |                   | 4       | $\perp$ | Ш               | _        | $\perp$  | 1_        |          |
| ŀ |                 | 22<br>23 | ╂               |          |          |          | Н        |          | Н        |                 |                | ╌├       |       | 72<br>73 |                         | -+          |              |          | +            | +-      | ╁           | $\vdash$     | G,   |       | 122<br>123                              | $\vdash$          | +       | ╀       | $\vdash$        | -+       | +        | +-        | -        |
| ŀ |                 | 24       | ╫               |          |          |          | Н        |          |          | $\dashv$        | 닉.             | ŀ        |       | 74       | $\vdash$                | -+          | $\dashv$     |          | +            | +       | +           | $\vdash$     |      |       | 124                                     |                   | +       | 十       | H               | -+       | +        | +         | 1        |
|   |                 | 25       |                 |          |          |          |          |          |          |                 | $\exists$      | ,        |       | 75       |                         |             |              |          |              | I       | 工           |              |      |       | 125                                     |                   | 1       |         |                 | 二        |          |           | <u> </u> |
|   |                 | 26       | Щ               |          |          | L        | Ш        |          |          | $\dashv$        | 4              | , ,      |       | 76       | Ш                       | _           | _            | _        | ┵            | $\bot$  | 4_          | _            |      |       | 126                                     | Ш                 | 4       | _       | Ш               | 4        |          | _         | ]        |
| } |                 | 27<br>28 | Н               | -        | H        | -        | Н        | _        |          | +               | $\dashv$       |          |       | 77<br>78 | $\vdash$                |             |              | +        | ╁            | +-      | +-          | H            |      |       | 127<br>128                              | H                 | ┿       | ╁       | $\vdash$        | $\dashv$ | +        | +-        | -        |
| ŀ |                 | 29       | Н               |          | <u> </u> |          | Н        |          | _        |                 | ╡.             | +        |       | 79       | H                       | $\dashv$    | _            | 十        | ┰            | +       | +           | $\vdash$     |      |       | 129                                     | H                 | +       | +       | H               | $\dashv$ | +        | 十         | 1        |
|   |                 | 30       | П               |          |          |          |          |          |          |                 |                |          |       | 80       |                         |             |              |          |              |         |             |              |      |       | 130                                     |                   |         |         |                 |          |          |           | ]        |
| } |                 | 31<br>32 | Н               |          | _        |          | Н        |          |          | $\sqcup$        | -              | ŀ        |       | 81<br>82 | H                       | -           | -            | _        | +-           | +-      | +           | Н            |      |       | 131                                     | $\vdash \vdash$   |         | +       | Н               |          | -        | 4         | 1        |
| } | -               | 33       | Н               |          |          |          |          | -        | -        | -               | -              | . F      |       | 83       | $\vdash$                | $\dashv$    | +            | +        | +            | +       | +           | $\vdash$     |      |       | 132<br>133                              | $\vdash$          | +       | ╁┈      | -               | +        | +        | +-        | -        |
| ţ |                 | 34       | H               | П        |          |          | Н        |          | _        | $\dashv$        | -              | ŀ        |       | 84       | T                       | 1           | 1            | +        | ╁            | ╁       | +           | H            | 4.5  |       | 134                                     | $\vdash$          | +       | +       | Н               | $\dashv$ | +        | +         | 1        |
|   |                 | 35       |                 |          |          |          |          |          |          |                 | $\Box$         |          |       | 85       |                         |             |              |          |              | Ι       |             |              |      |       | 135                                     |                   |         |         |                 |          |          |           |          |
| - |                 | 36<br>37 | Н               |          |          |          |          |          | Н        |                 |                | -        |       | 86<br>87 | $\dashv$                | 4           | +            | +        | +            | +       | +           | $\vdash$     |      |       | 136<br>137                              | $\vdash$          | $\perp$ | +-      |                 | 4        |          | ┼         | 1        |
| ŀ |                 | 38       | 4               | -        |          | $\vdash$ |          | _        |          | $\dashv$        | $\dashv$       | H        |       | 88       | $\vdash$                | $\dashv$    | $\dashv$     | +        | +            | ╁       | +           | $\vdash$     |      |       | 138                                     | H                 | +       | ╁       | Н               | $\dashv$ | +        | ╁         | 1        |
|   |                 | 39       | X               |          |          |          |          |          |          |                 | $\Box$         | Ĺ        |       | 89       |                         |             |              |          | 土            | 1       |             |              |      |       | 139                                     |                   |         |         |                 |          |          |           | ]        |
| [ |                 | 40       | Щ               |          |          |          |          |          |          |                 | _              | -        |       | 90       | $\Box$                  | 4           | _            | $\bot$   | $\perp$      | ļ       | 4           |              |      |       | 140                                     |                   | 1       | 1_      |                 | $\perp$  | _        |           | ]        |
| } |                 | 41<br>42 | $\vdash\vdash$  | ᅱ        | Н        | $\vdash$ | dash     | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$       | -        |       | 91<br>92 | $\vdash \vdash$         | +           | +            | +        | +            | +       | +           | Н            |      |       | 141<br>142                              | $\vdash$          | +       | +       | $\vdash$        | +        | +        | +         | {        |
| ŀ |                 | 43       | $\vdash \vdash$ | $\dashv$ | H        | $\vdash$ | H        | $\dashv$ | П        | $\dashv$        | $\dashv$       | ŀ        |       | 93       | $\vdash$                | -           | +            | +        | +            | +       | +           | H            |      |       | 143                                     | $\vdash$          | 十       | 1       |                 | $\dashv$ | +        | +         | †        |
| 1 |                 | 44       |                 |          |          |          |          |          |          |                 |                | Į        |       | 94       |                         |             |              |          | 土            | I       |             |              | . Ì  |       | 144                                     |                   |         |         |                 |          |          | $\perp$   | ]        |
| [ |                 | 45       | Ц               |          |          |          |          |          |          | $\Box$          | 4              | F        |       | 95       | Ц                       | 1           |              | 4        | F            | 1       | $\bot$      | П            | ;    |       | 145                                     | Щ                 | $\perp$ |         | П               | 4        | $\Box$   | $\bot$    | 1        |
| } |                 | 46<br>47 | $\vdash$        | $\dashv$ | Н        | $\vdash$ | $\dashv$ | $\dashv$ |          |                 |                | -        |       | 96<br>97 | $\vdash \vdash$         | +           | +            | +-       | +            |         | +           | Н            |      |       | 146<br>147                              | $\vdash \vdash$   | +       | +-      | $\vdash \vdash$ | $\dashv$ | - -      | +-        | -        |
| ŀ |                 | 48       | Н               | $\dashv$ | Н        | Н        | $\dashv$ | $\vdash$ | $\dashv$ | -               | $\dashv$       | H        |       | 98       | $\dashv$                | $\dashv$    | +            | +        | +            | +       | +           | Н            |      |       | 148                                     | $\vdash$          | 十       | +       | Н               | $\dashv$ | +-       | +         | 1        |
| į |                 | 49       |                 |          |          |          | $\Box$   |          |          |                 |                |          |       | 99       |                         | コ           | ightharpoons |          | I            |         |             |              | 1    |       | 149                                     |                   | 工       | 上       |                 |          |          |           | ]        |
| L |                 | 50       |                 |          |          |          |          |          |          |                 |                | L        |       | 100      | Ш                       |             |              |          |              |         | L           |              |      |       | 150                                     |                   | _L      | $\perp$ |                 |          |          |           | 1        |